

Brisil 1978
Bahia

MEMO BOOK

42 SHEETS 6 IN. x 4 IN.

Formerly
No. K-4216

0



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Sheaffer Eaton Division of Textron Inc.

Brasil 1978

número n.º de 1977 fe
2459 (Pico das Almas)
correspondente 2460 -)

31 January

3^o 31 Jan
mante.

- 2460 ✓ Rethymnion
2461 ✓ Acanthaceae
2462 ✓ Gesneriaceae
2463 ✓ Bromel. Tillandsia
2464 ✓ Arecaceae
2465 ✓ Boraginaceae
: 1° fol - 4^a míscole
2466 ✓ Acanthaceae (blanca)
2467 ✓ Alpinia tenuis
2468 ✓ Al. grandifolia
(no herbarium)

2 Feb

Flor do caifora

- 2469 ✓ Pl. tenuis new local.
2470 ^{FAB} ✓ Acanthaceae (vermelha)
2471 ^{FAB} ✓ Aca 1/3 off white blanca.
2472 ✓ Acanth. porfuginea
nólate
2473 ✓ Atractate radiata
2474 ✓ ~~Bromelia~~ ^{Feb. 3.} giros
2475 ✓ Atractate radiata

Bahia 1978

Bahia, Mun. of Itacaré, on
ramal of Estrada S TV
tower, 4 km from
junction with road to
Itacaré and 20 from
Br 101 road.

Serra do Jacutinga

mate, Jan. 31,

Petbergia: *Chusquea* 2460

Be, Mun. de Itacaré, on
ramal of Estrada, TV
tower, 4 Km from
junction with road to
Itacaré and 20 from
road Br 101 road.

Serra do Jacutinga

Alt.

Alt: approx. + 500 m or +
(no altimetric)

Petbergia in flower.
Beautiful forest in
excellent condition on
high Sierra!, bamboo
growing on slopes
climbing over trees,
plots or grown.. not
forming dense clumps

not even small ones
fall group of
cobs, here and
there, really mixed
in the forest.

At present looks like
the rich of globose
cobs. Most looks
fuzzy and all does
by flowers.

I skip it's the rare
Rettbergia I collected in
72 & 76 in Japuaguas
tage, wood like cobs
leaves, few branches &
nodes, in great
Rettbergia style! - cobs
as before, whether and
leaves tightly persistent
to flowers. in head
or balls at end

of branches with
leaves completely.
(I fl. took at first
flower and without leaves
(shoots) with
long setae! with some
hairs on top of setae
they on fl. in full
or partial anthers
(that I could not
photograph too far)
plants or study in
great detail. Very
rich, I had very rich

Still we were able to
find few new cobs
collected a lot of
material of every
part of plant,

The niflo - looks like a short pedicelated "rain" or "penile" exsertion, imbedded on the lower side

Few plates in older and brown - from material already cut-

Fixed: F.A.A., Bengt? -
Tissues in stages
buds, leaves,
bark? 3:1?
bulky material ~~not~~ collected.

mate Jan. 31

2461

Açoutacéa

Br, Mun. & Itacaré, on
rim of Embraçal, TV tower
4 km from junction with
road to Itacaré and 20
km from BR 101, Serra
do Jacutinga
alt. ± 500 m.s.m. ~~alt. 1000 m.s.m.~~

Photo: roll # Kodachrome
(OK!)

herbarium only - no F.A.A.?

tower in primary forest
on higher slope of serra
beautiful forest with
bamboo (Chusquea, setaria,
Pithecellobium) interrupted
Many Monsterae, Adianto-
naceae, and other Liliaceae

plant.

Plants up to ± 1 m high
many with flowers but
still very young, few
inf. with fruits seen.

Bracts bright light
red, deeply red, flowers
yellow. Try to get
to open for the
butter up.

monte 31 de jan.

2762

Jesuaniaceae?

Send to Jacutinga, same
loc. as Petbergia.

In good forest on higher
slopes of serra -
dense forest with
bamboo. Epiphyte?, or
trees of forest 0,50-1m
high. Flowers white
("erte Tolmen")

herbarium only -
no photo, no FAA.

mata 31° eveno 2463 2464

bromeliaceae Tillandsia:

Serra do Jacutinga, same
loc. as Retbergia.

Epiphyte on a tree fallen

Fl. blue & pink violet.

I think there is only one
specimen - put in
herbarium - (too rich to
be more)

mata 31° eveno.

Oxypidole

Serra do Jacutinga,
same loc. as Retbergia

Epiphyte on branch (detto
of a fallen tree, very

small, a miniature of
no more than 8-10 cm.

Flowers yellowish -

collected alive also? I think
it burned on the pick
up -

Monte S. J. Jan. 2465

Boraginaceae

Very tall flowering
Same loc.

Growing in primary forest
on higher slopes of serra

Foot of trees and second
interspersed. Shrubs, about
1.50 m. with white
flowers.

Minas Gerais, Feb. 14.

2466

Acanthaceae

So, Mun. Ilheus, road

Oliveira - Vila Brasil,
(road to pajéude Finançal)

6 Km S.W. of Oliveira

Alt. 75 m.s.m.

Plants about .90 to 1.50 m
high, with white flowers
growing in "mata lito-
grana", atlantic type of
forest on white sand
soil. Forest mixed with
bamboo.

Wednesday Feb. 14.

2467

Arimie tenuis

(300 m.)

Bz. Mun. de Ilheus, 165 Km SW

of Oliveira on road to
(Fazenda Piranga) Vila
Brasil.

Alt. 75 m.s.m.

Same locality as first
collected and discovered almost
2 years ago⁽¹⁸⁷⁶⁾. Place
looks ~~so~~ a little
different. The bamboo
have been fanning
for at least one year.
(I found in places in
April 1877). First they have
cut a little more of
the forest to enlarge the
the original trail, now is

a road for cars, probably
for timber. There are
several patches where the
timber has started to dry
a little and now the
forest looks more open.

I was able to walk inside
more easily.

I didn't see anywhere so long
as last year, many of
the short & medium
^{the one} and ~~the one~~ broken
ones, some spals, have
already fell. Many
fruits on the plants
at all stages.

Fruits with a little longer
than the one of the green.
They are dark green
and ~~top~~ shiny and
a little curved on one side.

like a bean. This is
more evident on young
plants. When the fruit
is very large and plan
is less evident but still
curved.

Feb. 1.

2468

Olivinia grandifolia
Bo., Mun. de Itáhuas, 15,7 Km
S.W. of Oliveira on road
to Vila Brasil (fazenda
Ipiranga)

Same loc. where it
was discovered 2 years
ago.

The plants still blooming
although in several
places, already, due to
dry sand pest -
feeding had been seen
but I had to find
a fruit in the plant.
The answer may be
that the fruits are very
large, larger than

The other species

No herbarium collected
but few fruits in
F.A.A.

Feb. 1

2469

Alminia tenuis

ba, Men & Ilheus, road

Oliveira-Vila Brasil
(Pazenda Piranga road)
18.3 Km SW of Oliveira

Growing in "mata litorânea", coastal type of
forest on white sand
soil. Forest partially
cut down. Plants
flowering but still
not producing
fruits.

Herbarium collected,
F.A.A. collected

This is new locality

is very near the old
type locality, is the
same type of forest
in the road to
fazenda Ipiranga.

Feb. 2

2470

Pecunaceae

Ba. Mun. de Ilheus, road
Olivença - vila Brasil
(road to fazenda Ipiranga)
ca 6-8 km SW of
Olivença

Growing in coastal type of
forest on white sand
soil. Forest mixed
with two bromelias,
Atractantha radiata
and *Alpinia gracilis*
climbing plant ca. 4-
to 6 m. high. Big
beautiful flowers of
brilliant red color, ~~the~~
stamens with filament
purple and anthers yellow

Photo taken in color
F.A.F.

Feb. 2

2471

Acanthaceae

Bri. Muñ. de Itáhuas, Road
Olivença - nle Brasil
(road to fazenda Pisanga)
6.5 Km SW of Olivença

Climbing plant at edge
of moist Atlantic type
tropical forest on white
sand soil - 3000 m.s.n.m.
more high

Climbing on shrubs or
trees 10-2-3 m. or more
Flowers white, others
cream color -

Feb. 2

2472

Peanthaeas

On - plain to Serra, wood
Olivença - with Brazil
(road to fazenda Speran-
za), 6 km SW of Olivença

Growing in alluvial type
of forest on white sand
soil. Forest mixed
with bambu (Bambusa
gracilis). At the time
~~the~~ most of the bambu
is dry and dead. The
forest has clearings
there's room to walk
between the trees, and
there is much more
light.

This Peanthaea was

growing on a clear
patch. Climbing
plant, 2-3 m. high.
Flowers small, lilac
with violet spots

Feb. 2

2473

Pterostylis mediate

Ba. Muñoz Flores, road
Olvera - La Brisa,
6 km SW of Olvera.

Growing at near entrance
of forest, "mata liosa-
lote"; on white sand
soil.

In all patch of Pterostylis
there is a forest where
Plumbago jacqueline is
the dominant plant.
Most of the inflorescences
with papery bracts
coming out of the
inflorescences.

Feb. 3

2474

Atractantha violacea

Bo. Mun. de Olheras, Mra.,
Road Mra - Olheras,
28 Km N of Mra city.

Alt. 55 m.

Same locality as it was
discovered in 1876 and
probably type locality.
The whole population
still blooming, although
some plants start to
dry out. Most of
the inflorescences are
now puberulent.
There are bristles coming
out of the inflorescences

with several nodes
and reduced leaves
and the end they
produce again 1-3
spikelets. They come
out to the back as
spokes or rays, the
inflorescences looking
like big stars with
the rays hanging down

Feb. 3

2475

Fairmount Park

Baumgardner

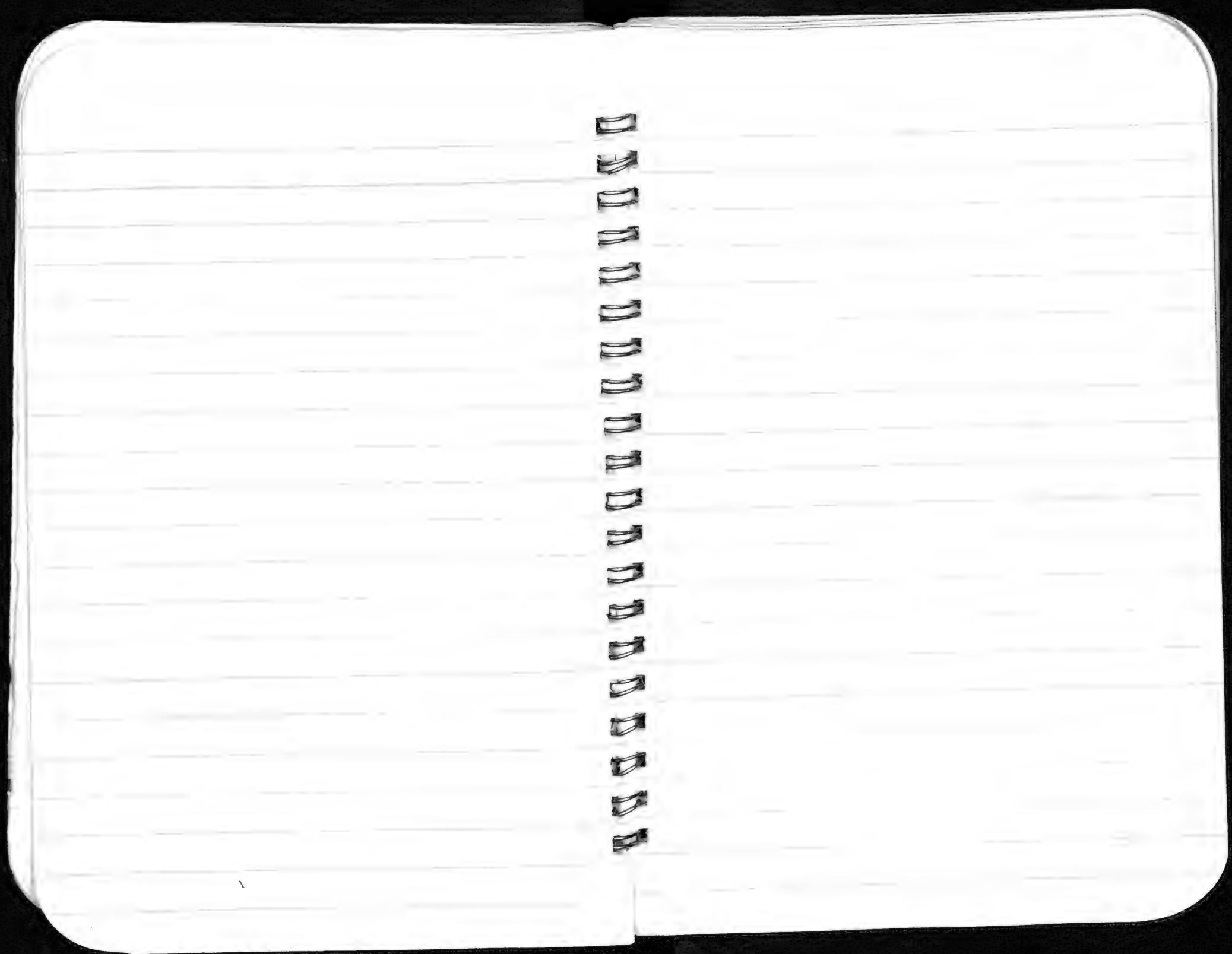
Same locality as the one
collected the first time.
Several plants seen with
inflorescences dry and
old. Hard to find
one with young
inflorescences. I do not
see when is the
best time for flowering.
The plants have no
flowers or too old
and dry.

The dry inflorescences
had very stiff, large

bracts.

Selected only the
dry inflorescences,
shot the plant.

no photo -



1951
July

1952
July
1953
July
1954
July
1955
July

is probably
the best spot
to sample
soil.

✓

months

2461 Piedmontic
soil near a Pittosporum

Sparsely developed brownish
and brown bright yellow
soil with very little
low plants, especially
from minute grass
dominating forest under-

1952 July 1953 July
M & S 4 #228

soil
good & good

" " " " " " " "
good soil may
-KFB & M

soil off for coffee
good & good +
good soil good
soil good
good soil good
good soil good
M & S L # 228

v marts

2461. *Peltariaeae*.

as: same as *Peltaria*

Flowers orange-red bracts
and flowers bright yellow
short stell. going with
long flower spikes -
green inside bright -
beautiful fruit with
many + flat in flower
blts abt 1' l m ha-
metr. shrubs & bushes
none colds -

Flowers in dense arr.
as *Peltariaeae*, in the
mix other *Peltariaeae* fls,
Muraltaceae etc -

fern -

2462. Jenmanica
fine too.

epifite, sub arbore.
50 cm. alta.
flor branca

2463 Tillandsia

epifita. flor azul e
área violeta.
estâncias glauca -

2464 ^v Ophioglossum
minim org, epifita
8-10 cm. Flores
p. amarelo

2465 ^v Boraginaceae
arbusto, 1.50 m -
flores Glauca -

thinking

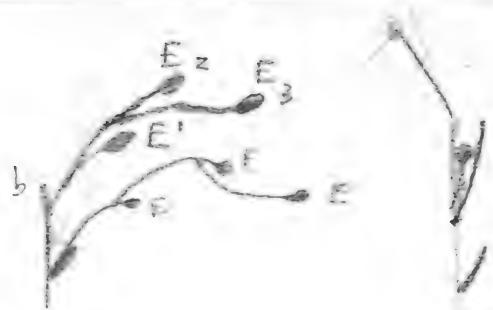
Hirsutula V
2466 Hirsutula? 10 Sept.
Fls. bracts, lvs. same
size late 1.40 - 1.50
mixing w. H. footei
Ptn. Padumtha, Lanty-
port.

~~May~~ 2470 Hirsutula
Tepedera, 4 or 5 mts
6 mm - fls. yellow
stamens violet & anthers
white -

2471. Hirt. de flor
Tepedera 2 mts 3-34
fls. yellow - only
name -

2472 - Hirt. de flor
violet in marks
violet, purple, white

200 miles. Trepalma



Well # 6 Ethane
Total Net + Loss is
for 149.00 for 149.00
~~for 149.00~~ ~~Net + Loss~~ is
for 149.00 for 149.00

der ~~Kost~~^{lose} Kopie
wurde in einem
A. mosaikstil

well - does not hold

Roll # 5 All forms are to be filled in by hand.

1932 July 1st, 1932
N.Y.C. 4 #220

W & N # 7 B & W
R&B # 8 * R&B
- Rock and Roll
- Rock and Roll
" Rock and Roll

Albion Falls, N.Y.

Rotobridge -

Roll # 32. Ehrbach 160

(1000 g, off side front
to 2028) -

Rotobridge -

1 train -

Roll # 362 N.

Joint of Rotobridge in place
house to frame

Acoustic -

Joint, some do jointing

Bonfire 1111

Roll # 1 Kestrelone 64

500 160
3
780

